Notice of Allowability    Downer   Control   Downer   Control   Downer   Do		Application No.	Applicant(s)	- 6
Notice of Allowability  Examiner  Dwayne K Handy  1743  - The MALING DATE of this communication appears on the cover sheet with the correspondence address— Id claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included serewith (or previously mailed), a Notice of Allowance (PTOL-35) or other appropriate communication will be mailed in due course. THIS OTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initial of the Office or upon petition by the applicant. See 37 CFR 1.313 and MFEP 1308.  This communication is responsive to the anyments filed 11/1303.  The drawings filed on 13 April 2003 are accepted by the Examiner.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f),    All b) Some* (b) None of the:    1.   Certified copies of the priority documents have been received.	Notice of Allowability	09/775,012		W
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## Allowable Subject Matter

1. Claims 1-22 and 29-32 allowed.

2. The following is an examiner's statement of reasons for allowance. In claim 1, applicant has claimed a device with the following combination of elements: First and second solution-collection regions, a solution chamber in communication with the first and second solution-collection regions, and a solution- return surface on which solution moves between the first and second solution collection regions. The device is best shown in Figures 3 and 4 and described on pages 7-9 of the specification. As shown in Figure 4 and restated by applicant in submitted arguments, these claimed features "provide for the claimed roll pump, because solution migrates from the first solutioncollection region into the solution chamber, from the solution chamber into the second solution-collection region, and from the solution-collection region across the solutionreturn surface to the first solution-collection region as the roll pump rotates about an axis". The Examiner considers the previously cited reference "Bessemer" to be the closest prior art to the claimed device. Bessemer teaches a chip holding device which may be used in conjunction with performing reactions on the chip which still in the holder. The holder contains ledges for holding the chip and input/output ports, but does not teach applicant's claimed solution-return surface or multiple solution collection regions. In Bessemer, the chip is placed firmly against the surface of the holder. This would not allow for, nor suggest a solution-return surface.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Election/Restrictions

3. This application is in condition for allowance except for the presence of claims 23-28 which were non-elected without traverse. Accordingly, claims 23-28 have been cancelled.

## Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dwayne K Handy whose telephone number is (703)-305-0211. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jill Warden can be reached on (703)-308-4037. The fax phone number for the organization where this application or proceeding is assigned is (703)-872-9310.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-308-0661.

Dkh

December 3, 2003

Jill Warden
Supervisory Patent Examiner
Technology Center 1700